



## ELDP, A Program Unlike Any Other

By Kelly Enriquez, USW Environmental Analysis Support Branch

From September 2003 to June of this past year, I have been one of 49 civilian and military personnel who have participated in the DOD Executive Leadership Development Program (ELDP).

ELDP was established in 1985 as a means of providing DOD civilian and military personnel a unique opportunity to experience a full range of DOD activities and to broaden their understanding of the Department as a whole.

The 2004 class was composed of 43 DOD civilian personnel and 6 military members. Participants this year represented the full

See **ELDP**, page 5.

## McGee Named RDML and New CNMOC

The Naval Meteorology and Oceanography Command, is now headed by a former NAVOCEANO commanding officer, RDML Timothy McGee.

Following the Senate's confirmation on 22 July, McGee was promoted to the rank of rear admiral (lower half) in a 30 July ceremony at Stennis Space Center, Miss. He assumed leadership as Commander, Naval Meteorology and Oceanography Command, in a separate ceremony on 14 Sept.

McGee, a native of Washington, D.C., recently served as special assistant to the Oceanographer of the Navy. He is a graduate of the U.S. Naval Academy and the Naval Postgraduate School.

The Naval Meteorology and Oceanography Command is a worldwide organization comprised of



*RDML Timothy McGee salutes RADM Steven J. Tomaszewski during McGee's assumption of command ceremony at Stennis Space Center, Miss.*

approximately 3,000 military and civilian personnel who provide operating defense forces with forecasts of weather and ocean conditions necessary for safe and successful operations. It is the only Mississippi-based operational Navy command headed by an admiral.

## NAVOCEANO Partnerships



*Jan Depner, Charting Products Division, demonstrates JALBTCX capabilities for U.S. Rep. Gene Taylor and RDML Tim McGee, COMNAVMETOCOM, in the Center's spaces.*

## Congressman Gene Taylor Dedicates JALBTCX Building

U.S. Rep. Gene Taylor (D-Miss.) joined officials from four federal agencies on 13 August to dedicate the Joint Airborne LIDAR Bathymetry Technical Center of Expertise (JALBTCX) at Stennis International Airport in Hancock County, Miss.

Joining the congressman in the ceremony and ribbon-cutting event were RDML Timothy McGee, Commander, Naval Meteorology and Oceanography Command; Mr. Wynne Fuller, U.S. Army Corps of Engineers, Mobile; Capt. Roger Parsons, National Oceanic and Atmospheric Administration; CAPT Jeffrey Best, commanding officer, NAVOCEANO; Mr. Hal Walters, Hancock Port and Harbor Commission; and Dr. Grady Tuell, Optech International. See **JALBTCX**, page 9.

## From the Commanding Officer

### Changes on the Horizon

It certainly has been a busy first two months for me. We've had two major hurricanes hit the state of Florida, which could have easily headed in our direction; another powerful hurricane approaches the Windward Islands as I write this article. Our ships in the west Pacific seem to be playing tag with several super typhoons that have passed through the area. Our technical director, Dr. Ed Johnson, has taken an SES position with NASA, and the new Executive Officer, CAPT Andy Brown, has checked in. Perhaps the biggest change was the Senate confirmation of RDML McGee on 22 July.

I would like to first wish Dr. Johnson fair winds and following seas as he embarks on this promising opportunity. He has been a vital part of this organization for the last two and a half years, and he will be sorely missed. A major player in the development of the Strategic Plan, Dr. Johnson led the organization into a business-oriented direction, which is exactly the vision of Chief of Naval Operations ADM Clark. ADM Clark has told all the flag officers to run their commands like CEOs. Dr. Johnson is not going too far (just across the street), so if you see him over in Building 1100 or over at the gym, please thank him for the great job he did for our organization.

Dr. John Harding is serving as

acting technical director while we go through the process of choosing a permanent replacement. Dr. Harding brings with him tremendous knowledge and experience, and I feel very comfortable with him sliding into the position. I hope to announce the new Technical Director in November.

I would like to give a warm NAVOCEANO welcome to our new Executive Officer CAPT Andy Brown. In 1986, CAPT Brown relieved me on the USS TRIPOLI. He has a superb background with shore tours in Pearl Harbor and Whidbey Island; sea tours not only on the TRIPOLI, but also MET San Diego and CRUDESGRU THREE in USS ABRAHAM LINCOLN; and programmatic experience at SPAWARSSYSCOM. Most recently, he completed a brilliant command tour of our facility in Naples, Italy. He is a great addition to the wardroom, and if you see him around the building, please introduce yourselves so he can better know who everyone is and what they do.

A special thanks to CDR Monty Spearman for serving as acting executive officer during the interim.

I would like to now focus on RDML McGee's confirmation and what it means for the community and our command. Being without a flag officer since 5 December, when RDML Donaldson retired, our community has

been in a very vulnerable position. Now that RDML McGee is wearing his star, he can better represent the community

and help protect us against more budget and manpower cuts. For NAVOCEANO, it means for the first time we have a CNMOC leader who knows and understands the vast capabilities of this great organization.

The week of 14 September, CNMOC hosted a Leadership Council for the senior leadership in the community. The takeaway from the conference was to realign the community to focus on capability generation along our business lines vice in geographic regions. The new strategy was implemented as of Saturday, 18 September. The three business lines to be expanded in the community are Antisubmarine Warfare, Naval Special/ Expeditionary Warfare (GWOT) and Mine Warfare. Interestingly, these are three areas where NAVOCEANO had already established Program Managers. I feel we are well positioned to adopt the changes that came out of the Leadership Council.

It becomes readily apparent that NAVOCEANO plays a huge role in all these areas. As we decrease our forward presence and rely more on reachback capabilities, NAVOCEANO will have a bigger and bigger part.

To quote RDML McGee's strategic intent, "Our Knowledge Centric concept will be implemented to align, coordinate and focus the capability of the enterprise on individual warfighting



CAPT Jeffrey Best  
Commanding Officer



AGC Jason Thompson

### Welcome Aboard Chief

AGC (SW/AW) Jason Thompson, a 17-year Navy veteran, has replaced AGC (AW/SW) Juan Morales as NAVOCEANO's Command Chief/MILPERS Officer.

AGC Thompson most recently served as Leading Chief Petty Officer/Senior Enlisted Advisor at Naval Central Meteorology and Oceanography Detachment Diego Garcia.

AGC Morales will now relocate to the Naval Pacific Meteorology and Oceanography Center San Diego as Operations Chief.

## Strategy in Action

# Integrating the Naval Oceanographic Office within FORCEnet

By Richard Kren, Office of the Technical Director

The Engineering Department has been leading the Office's pursuit of Strategic Objective 2.4, "Integrate NAVOCEANO within FORCEnet, enabling full participation in Network-Centric Warfare."

Under the leadership of Project Manager David Malley, the Web Services Working Group has been working to ensure that oceanographic data and information will be interoperable within FORCEnet through Data-Orientated Services and the requisite framework.

In addition, the Office has contracted with the Scientific Applications International Corporation (SAIC) to gain a greater insight into the FORCEnet concept and plans from the Navy program level perspective. This will help ensure that any efforts undertaken at NAVOCEANO will integrate seamlessly into the Navy FORCEnet system.

Simultaneously, the Logistics and Management Services Department has been advancing Strategic Objective

3.1, "Promote awareness of NAVOCEANO's role in Naval and Joint operations to the warfighter, to tactical development/training activities and to key DOD and U.S. Navy decisionmakers."

Originally, a command marketing plan was to be generated to help the Office achieve this objective. This idea was scrapped in favor of a more direct solution.

Dr. Bill Smith, director of graduate programs in the College of Business and Economic Development at the University of Southern Mississippi, suggested that we would be more effective by targeting a specific program and applying sound marketing principles to make a "big splash" with the customer.

These Strategic Objectives collided in space and time when it was decided that the FORCEnet integration objective would become the target of the professional marketing strategy.

Dr. Smith agreed to help NAVOCEANO identify the potential

customers and connect with them such that they saw the value and utility in the new way of serving up environmental information.

As a first step, Dr. Smith facilitated a session with a cross-section of NAVOCEANO technical experts, Web services developers and customer-savvy employees. The objective of this session was to clarify the target customers for marketing NAVOCEANO Web Services in Navy and DOD.

On the 19 August, 30 members of the Command gathered at the NASA Conference Center for the brainstorming session. The participants addressed four topic areas:

- What do we know about our customers, users, subscribers?
- How can we improve the product/service information we provide?
- What are the barriers to overcome and the issues we face in gaining

See **Strategy**, page 6.

## NAVOCEANO News

# NAVOCEANO Unveils Its Redesigned, User-Friendly Web Site

NAVOCEANO unveiled its new Internet home page on 1 September. The new user-friendly site contains many PDF handouts, up-to-date news about the Command and links to sites of related interest for visitors.

Public Affairs and N222 worked together to build a site that would be helpful to Web surfers and customers. Graphics also aided in creating the site's design.

The new Web page will continue to be updated in the coming months on a quarterly basis.

For comments on how to improve the site or additions, e-mail your Department's designated Internet point of contact. N1, Shannon Breland; N2, Cindy Bricker; N3, Rebecca Smith; N4, Eric Griffith; N5, Mel Wagstaff; N6, Leigh Schaumburg; N7, Pete Gruzinskas; N8, Christine Jarrett; N9, Patty Harrison; NS, Dominic Avery; 0 Codes, Executive Assistant.

The screenshot shows the homepage of the Naval Oceanographic Office. At the top, it features the office name and the John C. Stennis Space Center logo. Below this is a navigation menu with links for About Us, Welcome Aboard!, Online Products, Departments, Other Assets, Visiting Us, Jobs, Media, and Contact Us. The main content area is divided into three columns: News (with links to News Releases, Ocean Frontier Newsletter, and Education), Outreach (with links to Students in Science News, Careers at NAVOCEANO, and Speakers Bureau), and Links (with links to Doing Business with Us, Navy Links, Other Links, FOIA, and Accessibility). At the bottom, there are links for Privacy Policy, Official U.S. Navy Web Site, and NWRS ID Number 528, along with contact information for the Commanding Officer at the Naval Oceanographic Office, 1002 Balch Boulevard, Stennis Space Center, MS 39522-5001.

<https://www.navo.navy.mil>

## Department News

### N4: Supporting the Navy Warfighter

Whereas many commercial hydrographers are tasked with providing information to local fisherman or oil tankers, NAVOCEANO's Hydrography Department (N4) carries out these duties for the entire U.S. Navy. The products N4 provides to the warfighter are used in operational and tactical decisionmaking around the globe.

The main focus of the science of hydrography is surveying bodies of water, from relatively small areas like rivers, lakes and harbors to gulfs, seas and oceans. Surveying involves several duties, such as determining shorelines, topography of the seafloor, depths of soundings and positions of channels and shoals.

After completing a survey, hydrographers are responsible for constructing or updating hydrographic charts, maps and other products that display this information for boats and ships navigating in that specific area.

N4 products support surface,

subsurface, littoral, navigation, ocean and acoustic modeling.

By staying in touch with research organizations and similar agencies on the advancement of new technology, N4 can provide continued education to employees and state-of-the-art products to NAVOCEANO customers.

"Having USM's hydrography research center here has helped us stay on top of technology," said N4 Director Barbara Reed. "USM is on the research and development side, and we are on the operational end."

Every code plays an important role in supporting the production of N4's products. From the execution and product generation of survey planning to the support of training and the sharing of software products, Reed says the 143 employees in N4 interact with people in every department and with people all across the Navy to achieve their mission.

That mission for NAVOCEANO is to provide the basis for environmental

characterization for Naval operations, by collecting data and providing the fleet with products that support surface and subsurface navigation, ocean modeling and nearly all warfare areas.

It is important to N4 to continue providing relevant support to the warfighter.

"In the near future, we want to shift toward providing tactical support to the warfighter," Reed said.

By providing program management for the Compact Hydrographic Airborne Rapid Total Survey (CHARTS) system, maintaining the Navy's database of Hydrographic Reconnaissance Charts (HRCs) and developing Geographic Information System (GIS) databases for hydrographic and bathymetric survey planning and product generation, N4 can easily defend that statement.

While N4 strives for external improvement (how to better help the warfighter), they are also active in

See **N4**, page 9.

## Employee Spotlight

### "We're not just a division, we're a team."

Pensacola, Fla. native, Michael Jeffries began his NAVOCEANO career as a physical scientist in 1978.

Today, as head of the Technology Support Branch within the International Division, Michael Jeffries not only oversees the acquisition, testing and deployment of survey systems—hardware and software—but he also supports survey operations around the world.

Jeffries' main focus within NAVOCEANO is to steer his group in the direction of addressing Navy needs and providing products to the warfighter.

"Right now, the U.S. Navy's main focus points are mine warfare, special warfare and amphibious operations," said Jeffries. "Therefore, in the future, instead of doing hydrography, I want to take the International Division to an omnidirectional view and start incorporating underwater optics and geophysical business."

"This organization is unique," said Jeffries. "Because we are the International Division, we work with countries and have access to their territorial waters. By broadening our reach in additional data collection, we are able to enhance our capabilities and make us more relevant to Navy

*Michael Jeffries enjoys working with all his coworkers, whom he calls his teammates.*



needs."

Jeffries received a bachelor's in marine sciences and chemistry from the University of West Florida and continued his education by recently completing the Executive Potential

See **Spotlight**, page 6.

## Community Outreach

### NAVO Kicks Off Ocean Science Program in Delta

Several NAVOCEANO employees are helping map something different in the Mississippi Delta this fall—futures.

The employees have volunteered as mentors to 10 Coahoma Community College (CCC) students and as motivational speakers for Delta-area high school students as part of NAVOCEANO's annual Ocean Science Mentoring Program.

As part of the program, the mentors design individual projects for CCC students to complete in addition to their schoolwork.

Motivational speakers travel to Delta high schools and answer questions about college, the Navy, science, math, obstacles they have overcome and challenges they face today.

**Best**, continued from page 2.

operations and challenges.” Our challenge will be to make sure we are properly aligned to best support this change. RDML McGee has told me he will heavily rely on NAVOCEANO in this new strategy, and it will be up to us not to let him down.

I plan to hold an All Hands to let everyone know how the realignment will affect us. Know that I am proud of every one of you, and also know that this organization is prepared to help RDML McGee in this monumental task. Change is very difficult, but the alternative of continuing to conduct business the old way quickly makes us irrelevant to the warfighter. If that happens, our whole community could be outsourced. We must look at this change as a wonderful opportunity to become more effective and efficient and, in the end, provide the best possible support to the warfighter.

*Kelly Enriquez, USW Environmental Analysis Support Branch, shoots a machine gun as part of her experience in the Executive Leadership Development Program.*



**ELDP**, continued from page 1. spectrum of DOD, from engineers working on military aircraft to personal assistants of some of the top leaders in the Pentagon.

ELDP provides effective training by allowing future leaders to experience hands-on a few of the challenges faced throughout the DOD. Through these means, participants develop an understanding and gain a greater appreciation of DOD and the joint warfighters whom we support.

In order to lead effectively in the DOD, we must have a thorough knowledge of military culture, organization and its range of capabilities and limitations. The time spent on ELDP deployments, in classroom settings and in the field, cultivates this deeper sense of appreciation and understanding.

This past year has flown by, as the demands of ELDP take students into the field roughly one week of every month during the 10-month period. Throughout the last year, I have marched with U.S. Marines, sailed aboard a destroyer (USS O'KANE), dined with Generals, flown on a refueling mission in the skies above Alaska, walked underneath a nuclear submarine (USS KEY WEST) and much more.

I have trained alongside future leaders from a wide range of disciplines from each service. Some highlights include rappelling off a 43-foot tower, getting soaked during a training exercise at the Submarine Training Facility (SUBTRAFAC) San Diego, visiting the Korean DMZ and shooting more weapons in one day than I have in my entire life.

Besides all of the “fun” activities, more personal highlights consisted of watching and on several occasions being able to talk one-on-one with some of the men and women in uniform. For instance, I couldn't help but be affected after watching the barely 18-year-old men suffer through the “Crucible” at Camp Pendleton in order to be called “Marine” or riding along with young men and women participating on a convoy training exercise in preparation for deployments to Iraq and Afghanistan.

The incredible experiences were too numerous to recount here, but they definitely made the first two weeks of intensive training and the time away from home worthwhile.

All in all, participating in ELDP has been a rewarding experience. My knowledge of the various services encompassed by the DOD has greatly increased, and I have a much greater appreciation for the work that we do.

Sure, activities like jumping out of towers, flying in Blackhawks and getting drenched in obstacle courses were fun, but the real highlight of the program was being exposed to a variety of men and women who serve this country with great pride, courage and dedication. Their sense of patriotism and duty will keep me focused on NAVOCEANO's overall mission to provide the best possible support for our troops.

This journey has left an indelible impression on me and my fellow “classmates.”

## For Your Benefit

### FEHB and FSA 2004 Open Seasons

By Cynthia Warner, Human Resources

**O**pen season for Federal Employee Health Benefits (FEHB) and Flexible Spending Accounts (FSAs) begin 8 November 2004 and end 13 December 2004.

The effective date of elections made between 8 November and 13 December will be 9 January 2005 and will be reflected in the LES received on or about 28 January 2005.

#### FEHB Open Season

During the FEHB Open Season, you may enroll, cancel an enrollment, change plans or options and waive or begin participation in premium conversion.

To make an FEHB Open Season change, employees can use the Employee Benefits Information System (EBIS) 24 hours a day. You will receive immediate confirmation of your transaction.

To access EBIS, visit <http://www.donhr.navy.mil> and select "EBIS." Once at the EBIS home page, select "EBIS/Change Benefits" to access the EBIS system to start or change your health plan.

Log into EBIS using your Social Security Number and password. If you do not have a password, fill in the required information to create a password using a copy of your most recent LES or Notification of Personnel Action. Once you create your password, you will have

immediate access to make your health plan change.

For help using EBIS, call the Human Resources Benefits Call Center at 1-888-320-2917, Monday through Friday, 6:30 a.m. to 6:30 p.m.

Visit [www.opm.gov/insure/health](http://www.opm.gov/insure/health) to review the 2005 FEHB guides, premiums and plan brochures.

#### FSA Open Season

A Flexible Spending Account helps employees set aside money, on a pre-tax basis, for certain kinds of common expenses. With an FSA, you can reduce your taxes while paying for services you may have to pay for anyway.

The Federal FSA Program offers, among others, the Health Care Flexible Spending Account (for health care expenses not paid by FEHB or any other insurance) and the Dependent Care Flexible Spending Account (for expenses that allow you or your spouse to work, look for work or attend school full-time).

Visit [www.fsafeds.com/fsafeds](http://www.fsafeds.com/fsafeds) for an overview of FSA, enrollment information, answers to FAQs, a calculator to help estimate how much to contribute and much more.

For more information, call FSA Customer Service at 1-877-372-3337, Monday through Friday, 8 a.m. to 8 p.m. or e-mail [fsafeds@shps.net](mailto:fsafeds@shps.net).

#### Spotlight, continued from page 4.

Leadership Program through the USDA Graduate School. He plans to obtain his master's in leadership and management and, later, get his Ph.D.

Jeffries encourages his coworkers to have a vision, set goals and understand what their organization is

doing and what products and services they provide.

"The individuals who make up the International Division are highly professional and extremely knowledgeable in what we do," he said. "We're a tight group, not just a division, we're a team."

## NAVOCEANO News

### NAVO in the News

**E**very day NAVOCEANO does what it does best—maximize America's Sea Power.

NAVOCEANO achieves this by accomplishing some notable tasks that capture the attention of the news media.

Although news reporters have learned of these great achievements, to make sure everyone at NAVOCEANO is also aware, newspaper clippings about NAVOCEANO are displayed on the "NAVO in the News" clipboard outside the Building 1002 entrance to Wayne's cafeteria. Stop by and see why NAVO is in the news.

#### Strategy, continued from page 3.

widespread use of Web Services?

- What improvement to the process, people and procedures needs to occur in order to develop and implement this objective?

At the time of this article's submission, information from the brainstorming session was still being analyzed.

The information mined from this session will form the basis for our marketing approach to our customers. It should define the who and what related to our customer niche: Who will realize the most benefit from the new method of serving up oceanographic information? Exactly what types of information are most important to the user?

Much work lies ahead, but this project has proven to be a wonderful marriage of a technical program with the tools of modern business. We expect to learn much from this endeavor that can be further applied to other programs and new product rollouts.

We will declare success when we impact the users of our oceanographic information such that they stand back and say, "Wow!"

## Educational Excellence

### 5 IHSAP Students Graduate...

In August, five NAVOCEANO employees completed the Hydrographic Science master's degree program at the University of Southern Mississippi as part of the NAVOCEANO International Hydrographic Science Applications Program (IHSAP).

The curriculum requires students already proficient in math, computer science and physics to complete one rigorous year of classroom and laboratory-based studies and a hydrographic field project.

USM's NAVOCEANO graduates included (front row, from left) LCDR Todd Barnhill, LCDR Christopher Sterbis, LT James Coleman, LT Deborah Mabey and Katie Reser (far right).



### Followed by 5 IHMEP Students

On 1 September, five students completed the International Hydrographic Management and Engineering Program (IHMEP). The six-month-long IHMEP course provides students with 30 hours per week of classroom and field instruction, where students build a working knowledge of hydrography through practical sciences, geodesy, cartography, photogrammetry and Law of the Sea.

IHMEP students included LT Tribhuwan Singh (India), MAJ Adnan Telfah (Jordan), CDR Rolando G. Reyes PN (Philippines), LTJG Piotr Silski (Poland) and QM1 Christopher Birl (NAVOCEANO).

*NAVOCEANO Commanding Officer CAPT Jeffrey Best accepts a memento from IHMEP student MAJ Adnan Telfah of Jordan.*

## EEO Observances

### EEO Celebrates Heritage and Differences this Fall

U.S. citizens are unique. They can be short or tall, tanned or fair, with blue eyes or brown. They can be native-born or foreign nationals, speak different languages and cook with dissimilar spices.

The Equal Employment Opportunity (EEO) Program recognizes and celebrates these differences for three groups of Americans in October and November.

Hispanic Heritage Month began on 15 September and continues until 15 October. This celebration marks the anniversary of independence for five

Hispanic countries—Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua. In addition, Mexico achieved independence on 16 September, and Chile on 18 September. The month celebrates the traditions, ancestry and experiences of U.S. residents of hispanic descent.

October marks Disability Employment Awareness Month, a federally recognized designation that calls attention to the issues people with disabilities face, particularly in employment, and to increase awareness of the contributions and

skills of American workers with disabilities.

Since 1995, the presiding president has designated the month of November as "National American Indian Heritage Month." For years, many Americans have urged that a special day be set aside to honor America's first citizens. Congressional legislation has been proposed but not passed.

To learn more about EEO, visit [http://www.archives.gov/about\\_us/equal\\_employment\\_opportunity](http://www.archives.gov/about_us/equal_employment_opportunity).

## News from NAVICECEN

# National Ice Center Helps Establish North American Ice Service

By AGC Gregory Rose and ENS Bryan Wagonseller, Naval Ice Center (NAVICECEN)

The National Ice Center (NIC) is a unique national asset and a successful model of a Joint Interagency Command consisting of Navy, NOAA and Coast Guard personnel. The NIC's mission is to provide global, regional and tactical scale sea ice analyses and forecasts for a variety of customers.

The NIC is involved in several cooperative efforts among foreign ice services. Most notably, the Center works closely with the Canadian Ice Service (CIS) under the auspices of the North American Ice Service (NAIS).

The NAIS Annex to the Memorandum of Understanding between NOAA and Environment Canada was signed in June 2003 during the 17th Joint Ice Working Group (JIWG) Meeting. The NAIS officially established the partnership between the CIS and NIC.

An addendum to the NAIS Annex was signed at the most recent JIWG meeting, held in Hanover, New Hampshire in early June 2004. The addendum included the International Ice Patrol as a partner within the NAIS. This 18th JIWG was renamed as the first NAIS, to reflect the

progress and collaboration among the participants.

The NAIS will offer a single point of entry for a common suite of ice products and ice related services and information for North American and international users.

Major initiatives for the upcoming year include the completion of the harmonization of Great Lakes ice analyses and forecasts, the synchronization of the North Atlantic iceberg database, development of joint databases and cooperative science work on imagery analysis, ice forecasting and data visualization. The sharing of technology and research between the three agencies is one of the most beneficial aspects of the NAIS.

The integrated service of the NAIS will combine the strengths of the existing centers and result in seamless products of high quality and consistency. The NAIS will provide North American ice products that may be produced at either center, but will be indistinguishable to the customer.

Each center will be recognized as a contributing partner to the NAIS, and products will be issued jointly without specific attribution to the center of

production.

Ice analyses and forecasts for the Great Lakes region have been done by both centers for the past several years. The final harmonization of the look and feel of these charts is close to completion after many years of hard work and dedication.

During the ice season, analyses are completed twice per week, once by NIC and once by CIS, and ice forecasts are completed twice monthly. CIS completes the text forecast, and NIC completes the graphic forecasts.

The NAIS will eventually field a joint Web site supplied and funded by the three agencies, though a timeframe for the Web site has not been established.

The second NAIS Meeting is scheduled for spring 2005.

Please visit the National Ice Center at <http://www.natice.noaa.gov> for more information or contact the NIC Liaison Branch (301) 394-3100 or [liaison@natice.noaa.gov](mailto:liaison@natice.noaa.gov).

*Editor's Note: The Navy component of the National Ice Center is the Naval Ice Center (NAVICECEN), a subordinate command of the Naval Oceanographic Office and located in Washington, D.C.*

## Safety Matters

### Hurricane Info for SSC Employees

1. For the latest status on site operations, closure and reopening, employees should monitor their local news and radio stations, call (228) 688-3777 or visit [www.ssc.nasa.gov](http://www.ssc.nasa.gov) and click on Status.
2. During SSC closure, gate security will admit only those personnel designated "essential" by their

organizations and people seeking shelter at SSC.

3. Once closed, SSC will remain closed as long as the site is located within a National Weather Service Tropical Storm or Hurricane Warning area. Once warnings are lifted, the SSC Emergency Director will decide when to reopen the site, depending on local area damage, conditions at SSC and the status of evacuees.
4. Shelters will open 12-18 hours before hurricane winds are

anticipated. Shelters in designated buildings are provided on the following priority basis: SSC ride-out crews and their dependents, SSC employees and their dependents, and general public at the request of local Civil Defense directors.

5. Evacuees (including employees) are required to register upon arrival at an SSC shelter (Buildings 1002 and 1000 for NAVOCEANO).
6. Pets are not allowed in SSC shelters or on SSC property.

## Navy News

# Navy Anti-Terrorism and Security Learning Center Stands Up

By Center for Anti-Terrorism/Navy Security Force Public Affairs

The Center for Anti-Terrorism and Navy Security Forces (CENATNSF) was officially established aboard Naval Amphibious Base Little Creek, Va., in June.

Working with the fleet and the security community, CENATNSF is tasked with improving the professional development of the master-at-arms, limited duty officer (security) and chief warrant officer (security technician) communities.

CENATNSF accomplishes this through more efficient and effective delivery of multiple learning opportunities, making career management tools more available and

developing, managing and facilitating access to anti-terrorism and Navy security knowledge repositories through Navy Knowledge Online.

“Given the current global environment, this Center, with its focus on anti-terrorism learning solutions matched to fleet requirements, is more relevant now than ever before,” said CENATNSF Commanding Officer CAPT Bill Daniels.

CENATNSF, one of 13 Learning Centers within the Naval Personnel Development Command (NPDC) claimancy, is a product of the Chief of Naval Operations ADM Vern

Clark's initiative to revolutionize the Navy's training and education structure and is responsible for the end-to-end development of learning tools and opportunities within a given occupational field.

NPDC and its Learning Centers and three Training Support Centers comprise the human resource development piece of the Sea Warrior initiative, a key element of the Sea Power 21 vision.

To learn more about the Center for Anti-Terrorism and Navy Security Forces and the Sea Warrior initiative, visit [www.nko.navy.mil](http://www.nko.navy.mil).

**N4**, continued from page 4.

exciting internal improvement, focusing on strategic performance and results within the organization.

For example, N4 provides quality assurance guidelines and controls for hydrographic data collection and processing, which translates into more precise data for the warfighter.

N4 has most recently been busy with the Joint Airborne LIDAR Bathymetry Technical Center of Expertise building dedication (page 1) and the Multibeam Conference (page 12).

“Our hydrographic and bathymetric capabilities at NAVOCEANO are

boundless,” said Reed.

Reed has a bachelor's degree in biological science and a graduate degree in geophysical engineering. Reed started her 22-year NAVOCEANO career in the Magnetism Program and was named N4's director in 2000.

**JALBTCX**, continued from page 1.

The JALBTCX mission is to provide airborne coastal surveying capabilities to the Army and Navy to meet operational requirements; to evolve light detection and ranging (LIDAR) and complementary technologies as well as to facilitate industry investment in the technology.

Formally established in 1998, JALBTCX's partnership began in 1994. Since then, it has completed more than 400 project surveys in 13 countries and produced a variety of new tools and uses for airborne LIDAR bathymetry and airborne coastal mapping and charting.

Last fall, the U.S. Navy accepted delivery of the newest generation of airborne LIDAR survey sensors and

began operational surveying shortly thereafter. The sensors, known as the Compact Hydrographic Airborne Rapid Total Survey, or CHARTS, will be used for mapping and charting nearshore, shallow-water areas in support of the U.S. Navy Fleet.

“With this new technology, we can survey 10 to 15 times faster than we can with a ship,” said CAPT Best. “This is a tremendous capability for NAVOCEANO.”

The CHARTS system combines topographic and hydrographic lasers with digital photography. Although the data still must be processed and analyzed, digital photography enhances the system by aiding in the analysis and by being available to

overlay on final products, making the transition of water to land smooth and seamless.

JALBTCX is evolving the technology by developing new tools to gather more information about our coasts from the airborne data it collects. Along with LIDAR data that accurately measure the physical characteristics of the beach and nearshore coastal zone, JALBTCX is adding additional airborne sensors to measure environmental conditions.

“All of these things are important to you as individuals and as citizens,” said Rep. Taylor. “And it is of enormous importance to the safety of our troops.”

## Military Promotion



*NAVOCEANO Commanding Officer CAPT Jeffrey Best (right) leads LTJG Timothy R. Campo (center) in reaffirming his oath as he is promoted to Lieutenant in September, as other NAVOCEANO military personnel look on.*

## Library Reopens



*Matthew Fontaine Maury Library patron Allen Lowrie, Low Frequency Acoustics Branch, proudly cuts a cake in celebration of the library's reopening in August. The library was closed for more than six months while being renovated. For more information about the library or its holdings, call (228) 688-4597.*

## Patriot Day

*NAVOCEANO military and civilians honored American patriots in a ceremony held at morning colors. CAPT Best asked for a moment of silence to honor all patriots, those who have died in the name of freedom and those who risk their lives every day.*



## Military Promotion

*NAVOCEANO Commanding Officer CAPT Jeffrey Best (right) and Command Chief Jason Thompson (center) congratulate ENS Matthew Pawlenko (left) on his promotion to Lieutenant in August.*



## Awards

### *Civilian Length of Service*

*This listing contains awards dated August through October.*

#### 5 Years

Azed Jean-Pierre  
Sampson Naquin  
Kevin Thaisen  
Kwaku Twum-Apofo

#### 10 Years

Steven Crossland  
John Suslavage

#### 15 Years

Gina Cospelich  
James Duke  
Rebecca Martinolich  
Marvin Sherrer

#### 20 Years

Albert Boone Jr.  
Doug Cronin  
Michael Diringer  
Michael Garrison  
Monica Hackauf  
Molly Haynes

Douglas MacCullagh  
Jeffrey Smith  
Richard Walker

#### 25 Years

Janice Bynum  
Marjorie Lamb  
Mary Nelson  
Pamela Rowe

#### 30 Years

Joan Olsen  
Danny Bryant  
Donald Mayeux  
David Bates

### *Military*

#### Promotions

LT Timothy Campo  
LTJG Matthew Pawlenko

#### Sailor of the Quarter

CTA2 William J. Yates

#### Reenlistments

AGC (AW/SW) Juan Morales

## Upcoming Events

The annual **Maury Morale Golf Tournament** for Toys for Tots will be held at The Oaks Golf Club in Pass Christian, Miss., on 7 October. To volunteer to help, contact Public Affairs.

The **26th Annual Salute to the Military** will be held on 18 October at the Mississippi Coast Coliseum. For information, call the Mississippi Coast Chamber of Commerce at (228) 863-2942.

All federal agencies at Stennis Space Center will kick off the **2004 Combined Federal Campaign** on 21 October in front of Building 1100. Charitable organizations will set up booths to answer questions, and food will be served.

The **Navy Ball**, held in honor of the Navy's 229th Birthday, will take place at Casino Magic in Bay St. Louis, Miss., on 23 October. See a Navy Ball Committee member to purchase tickets.

**Navy Day**, annually held on October 27, is meant to draw public attention and support for the men and women of the U.S. Navy.

The annual **Command Halloween Costume Event** will take place at the Cypress House on 29 October with hot dogs, chips, drinks and a costume contest. Dare to scare the competition!

Drop a can or two in the **Share Thanksgiving** boxes appearing in the hallways and offices around your building. Thanks to you, last year NAVOCEANO donated more than 1,500 food items to local kitchens. The drive will end on 15 November.

The **Toys for Tots** drive will begin on 17 November. Buy a toy, game or book and drop the unwrapped gift into a Toys for Tots box in your area. Last year, NAVOCEANO employees provided hundreds of toys for children to open Christmas morning.

## 17 NAVO MILPERS Awarded Medal

Earlier this year, DOD announced the final approval of the Global War on Terrorism Expeditionary Medal.

This medal recognizes contributions of military service members in combating terrorism for current and future operations.

Seventeen NAVOCEANO military personnel were awarded the Global War on Terrorism Expeditionary Medal for support they provided in anti-terrorism operations since 2001.

"This medal signifies the hard work and sacrifices of NAVOCEANO military personnel in helping to fight the Global War on Terrorism," said NAVOCEANO Commanding Officer CAPT Jeffrey Best. "I am proud of all the men and women who are recipients of this prestigious award."

The expeditionary medal is awarded to those who were deployed overseas to designated combat areas for 30 consecutive days (or 60 nonconsecutive days) in support of operations to combat terrorism on or after Sept. 11, 2001.

NAVOCEANO recipients of this award include LCDR Todd E. Barnhill, LT Timothy R. Campo, ENS Robert J. Cleary, LT James E. Coleman, LTJG Charles A. Depalma, LT Christopher J. Esposito, AGC (AW/SW) Stephen A. Fouts, CDR Vincent F. Giampaolo, LCDR Anthony F. Gilles, CDR John V. Gurley, LT Richard A. Kennedy, LTJG Matthew Pawlenko, LTJG Elizabeth L. Simmons, CDR Monty G. Spearman, LT William D. Taggart, AGC (SW/AW) Jason Thompson and ENS Matthew J. Wilson.

## NAVOCEANO News

# 13 Countries Convene for NAVOCEANO Multibeam Conference

**N**AVOCEANO hosted a multibeam workshop at the Naval Construction Battalion Center in Gulfport, Miss., in late July.

Thirteen Latin American nations participated in the workshop titled "Beyond Safety of Navigation," which focused on multibeam equipment and visualization techniques used in hydrographic surveying.

At the workshop, industry representatives stressed the value of hydrography and addressed advancements in modern multibeam sonar and supporting technologies.

Using sound waves to provide hydrographers with images of the seafloor, sonar systems aid in hydrographic surveying, the charting or bottom mapping of water bodies.

Multibeam sonar systems are usually attached to sea vessels and can transmit and receive soundings at both horizontal and vertical angles.

"The goal of the NAVOCEANO workshop was to provide information on hydrographic survey operations that employ multibeam sonar systems," said CAPT Jeffrey Best, NAVOCEANO commanding officer.

Data from surveys using multibeam sonar are used to generate marine products such as nautical charts, which aid in the safety of navigation of



*Pictured are (from left): Naval Construction Battalion Center Commanding Officer CAPT W. McKerral; NAVOCEANO Commanding Officer CAPT Jeffrey Best; Dominican Republic VADM Miguel A. Gonzalez Ramirez; Chilean Navy Hydrographic and Oceanographic Service Director and Pan American Institute of Geography and History Chair CAPT Roberto Garnham; and International Hydrographic Bureau Director CAPT (Ret) H. Gorziglia.*

commercial and military vessels. The information is also used in the protection of the marine environment, the development of databases and models for coastal zone management and the study of ocean behavior.

The countries took the knowledge gained from this workshop back to their oceanographic and hydrographic offices to ensure their current and future surveys meet International Hydrographic Organization standards.

NAVOCEANO, a leader in operational multibeam technology, hydrography and high volume data

processing, presently has seven ships utilizing multibeam technology. The Command honors partnerships with 15 Latin American countries to conduct hydrographic surveys for the production of navigational aids.

Conference sponsors included Chief of Naval Operations; Commander, U.S. Fleet Forces Command and Office of Naval Research; with support from Commander, Naval Meteorology and Oceanography Command; the Pan American Institute of Geography and History; and the University of Southern Mississippi.

### Naval Oceanographic Office *Ocean Frontier*

*Ocean Frontier* is published bi-monthly through the U.S. Government Printing Office and is financed by appropriated funds for the civilian and military personnel at the Naval Oceanographic Office.

Items in *Ocean Frontier* cannot be construed to change or modify any official directive. All pictures are official Navy photographs unless otherwise indicated.

The *Ocean Frontier* address is:

Naval Oceanographic Office, Public Affairs  
1002 Balch Boulevard  
Stennis Space Center, MS 39522-5001  
Telephone (228) 688-5649

Captain Jeffrey Best, USN, Commanding Officer  
Lanee Cooksey, Managing Editor  
Shannon Breland and Ashley Simmons, Co-editors

### DEPARTMENT OF THE NAVY

NAVAL OCEANOGRAPHIC OFFICE  
1002 BALCH BOULEVARD  
STENNIS SPACE CENTER  
MISSISSIPPI 39522-5001

OFFICIAL BUSINESS

PRSR STD  
US POSTAGE  
PAID  
HOUSTON, TX  
PERMIT 3223